

ABSTRACT OF THE DISCLOSURE

A thermally processed image forming material containing elsewhere on a support a reducing agent, a binder and non-photosensitive fatty silver salt grains was disclosed, in which (1) the non-photosensitive fatty acid silver salt grains are prepared by mixing and reacting a silver ion-containing solution, the solvent of which being water or a mixture of water and an organic solvent, with a solution of a fatty acid alkali metal salt, the solvent of which being water, an organic solvent, or a mixture of water and an organic solvent, in a closed mixing means, or (2) the non-photosensitive fatty acid silver salt grains are prepared by micro-dispersing the reaction mixture at an operating pressure of $1,800 \text{ kg/cm}^2$ or above using an ultrahigh pressure dispersion apparatus. Such thermally processed image forming material is excellent in the coated surface quality, and can afford an image which is low in fog and high in Dmax (maximum density).

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